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Reserve

NORTH CAROLINA



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NO. 122

RALEIGH, N. C.

U.S. DEPARTMENT OF AGRICULTURE NOVEMBER 17, 1952

## Soybean Crop Prospects Good

EXPECTED TO EQUAL  
RECORD OF 1951

Soybean production in North Carolina will climb to 5,000,000 bushels, a record high, before the season ends if current estimates are fulfilled.

Based on figures as of November 1, a 16.5-bushel yield per acre is in prospect. This is the same as the record-high yield set in 1951, when production totaled 4,950,000 bushels. The 10-year (1941-50) average production was only 3,142,000 bushels from an average yield of 12.8 bushels to the acre.

Soybean growers will harvest approximately 303,000 acres this year, as compared with 300,000 acres last year and 243,000 acres on the 10-year average.

Ideal weather has favored harvesting, and most growers are making rapid progress in gathering the bumper crop since cold and frosty weather stripped vines of their foliage last month.

PEANUT HOPES BRIGHTER THAN  
MONTH AGO, STILL BELOW 1951

Peanut production in North Carolina this year will fall short of the 1951 crop and will also trail the 10-year (1941-50) average due chiefly to a decrease in acreage allotments. The current crop is estimated at 263,675,000 pounds.

Reports as of November 1 indicated the crop would come from an estimated 199,000 acres, each yielding an average of 1,325 pounds. Last year 315,210,000 pounds were harvested from 237,000 acres, with an average of 1,330 pounds to the acre -- while on the 10-year average 299,494,000 pounds were produced on 276,000 acres for an average yield of 1,090 pounds.

(Continued on Page 2)

## NOV. 1 ESTIMATE OF TOBACCO PRODUCTION STILL UNCHANGED

Prospects for flue-cured tobacco production in North Carolina are unchanged from estimates made as of October 1. The flue-cured crop for all types is estimated at 922,790,000 pounds.

A crop of 922,790,000 pounds would be 5.6 percent less than the record 1951 crop of 977,640,000 pounds, but 200,054,000 pounds or 27.7 percent more than the average 1941-50 production of 722,736,000 pounds.

If a North Carolina flue-cured crop of 922,790,000 pounds is realized, a yield of 1,237 pounds per acre would result. This compares with the record 1951 yield of 1,325 pounds and the 1941-50 average yield of 1,120 pounds.

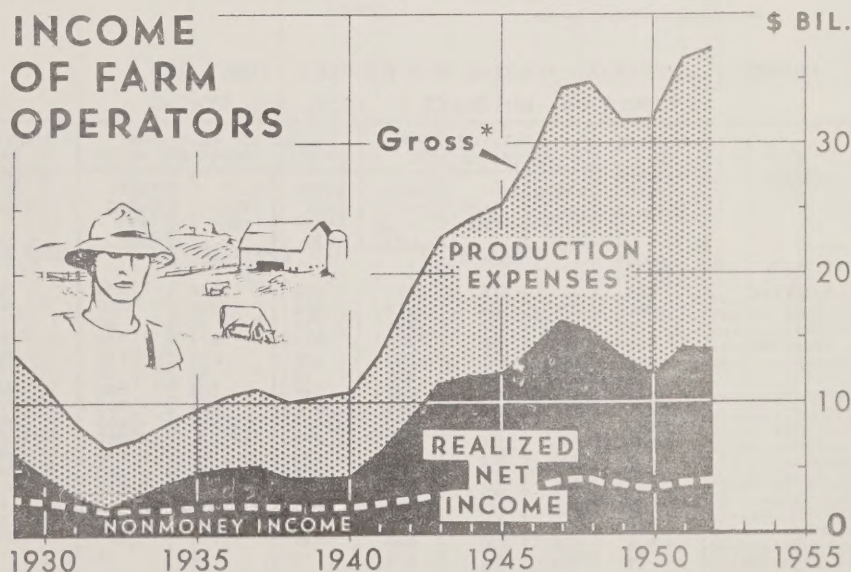
(Continued on Page 4)

## BELOW-AVERAGE CORN ESTIMATE SAME AS THAT OF OCTOBER 1

A lower-than-average corn crop for North Carolina remains in prospect, based on estimates of November 1. Throughout the harvesting season statisticians have estimated the 1952 crop at an average 25-bushel yield, with a total production of 55,075,000 bushels -- and latest figures seem to bear this out.

The 1951 yield was an average 31 bushels, with a total production of 67,611,000 bushels -- and the 10-year average for 1941-50 was a 26.5-bushel yield with an average production of 59,560,000 bushels.

## INCOME OF FARM OPERATORS



\*INCLUDING GOVERNMENT PAYMENTS, BEGINNING 1933

U. S. DEPARTMENT OF AGRICULTURE

NEG. 47545-XX BUREAU OF AGRICULTURAL ECONOMICS

## GENERAL SITUATION

October provided unusually favorable weather for harvesting of North Carolina's fall-maturing crops. The month was the driest since 1943, and a high proportion of the days were sunny. Tarheel farmers took full advantage of this favorable weather in gathering corn, picking cotton, combining soybeans, threshing peanuts, digging sweetpotatoes and completing the harvesting of other fall crops.

On the other hand, dry conditions during October were unfavorable for the planting of fall-sown small grains, winter cover crops and pasture grasses. Stands on much of the acreage of wheat and oats already planted are reported to be below normal due to lack of moisture for proper seed germination.

## PECANS: ESTIMATED PRODUCTION

STATE	AVERAGE 1941-50	1951	PREL. 1952
THOUSAND POUNDS			
N. CAROLINA...	2,414	2,435	2,470
S. CAROLINA...	2,652	4,330	3,224
GEORGIA.....	29,443	51,500	40,300
FLORIDA.....	4,145	5,280	3,468
ALABAMA.....	12,203	26,000	14,000
MISSISSIPPI...	6,939	13,600	7,200
ARKANSAS.....	3,950	5,350	2,700
LOUISIANA.....	10,805	15,700	12,320
OKLAHOMA.....	19,660	25,000	4,050
TEXAS.....	30,415	5,700	36,750
UNITED STATES..	112,206	154,895	126,482

1/ U. S. averages include estimated production for Illinois and Missouri from 1941-43. Estimates of production in these states were discontinued beginning with the 1944 crop.

## YAM ESTIMATE DOWN 210,000

The Tarheel sweetpotato crop is estimated at 4,200,000 bushels as of November 1. This is 210,000 bushels less than the October 1 estimate.

The current crop of 4,200,000 bushels compares with the 1951 crop of 3,760,000 bushels and the 1941-50 average crop of 6,850,000 bushels. Average yield per acre is currently estimated at 100 bushels. This compares with 94 bushels last year and the 1941-50 average yield per acre of 106 bushels.

The U. S. crop is estimated at 29,362,000 bushels. This is 1,084,000 bushels or 3.8 percent more than the 1951 crop, but 28,341,000 bushels or 49.0 percent below the 1941-50 average U. S. crop.

## PECAN CROP DOWN 18 PER CENT FROM 1951 PRODUCTION

Total pecan production in the United States is estimated at 126,482,000 pounds as of November 1. This is 28,413,000 pounds or 18.4 percent less than last year's crop and is slightly better than the 1941-50 average crop (See table at left).

The November 1 estimate of the North Carolina pecan crop is for 2,470,000 pounds or 1.4 percent above the 1951 crop and 2.3 percent above the 1941-50 average crop. Of the total N. C. crop, it is estimated that 2,200,000 pounds will come from improved varieties. The 1952 crop in all other states, except Texas, is below last year.

## PEANUT PRODUCTION (Cont'd)

Threshing operations are getting under way in the producing areas and virtually all digging of the crop has been completed. Weather conditions have been favorable throughout most of the digging season.

## EARLY FALL SNAP BEANS

Early fall snap bean production in North Carolina is estimated at 78,000 bushels from the 1952 crop -- 1,000 bushels under 1951 production but 19,000 bushels above average. This crop is grown chiefly in the Currituck-Weeksville areas. Yield is currently estimated at 60 bushels per acre -- 15 bushels short of yield last year and 2 bushels above the 10-year average. It is estimated that 1,300 acres were harvested, compared with 1,050 in 1951 and the average of 1,020 acres.

## COTTON ESTIMATE STILL HIGH

The November 1 cotton report forecasts North Carolina's 1952 cotton crop at 550,000 bales (500-pounds gross weight). This report is based upon information furnished by cotton growers and ginnerers. The November estimate reflects an improvement of 10 percent over the October 1 forecast and is 8,000 bales above the 1951 crop. The 10-year (1941-50) average production is 523,000 bales.

The absence of rainfall during October resulted in an almost perfect harvest period and harvesting losses should be held to a minimum this year.

Lint yield per acre harvested will average 381 pounds on the basis of the current forecast. Lint yield per acre averaged 376 pounds in 1951 and 341 pounds for the 10-year average. Approximately 3/4 of the crop has been ginned.

The November 1 forecast of production for the United States is placed at 14,905,000 bales, an increase of about 3 percent over the October 1 estimate. Such a production would be 2 percent less than the 1951 crop of 15,144,000 bales, but 27 percent above the ten-year average crop of 11,775,000 bales. November 1 estimates reflect prospective increases in all states except Missouri, Arizona and California.

## COTTON: ESTIMATED ACREAGE FOR HARVEST, YIELD AND PRODUCTION, NOVEMBER 1, 1952, ALL STATES

STATE	ACREAGE FOR HARVEST 1952 (PRELIM.)  (000)	LINT YIELD PER HARVESTED ACRE			PRODUCTION (GINNINGS) 500-LB. GROSS WT. BALES			GINNINGS TO NOVEMBER 1, 1952  (000) BALES
		AVER- AGE 1941- 1950	1951 CROP	INDI- CATED 1952 CROP	AVER- AGE 1941- 1950	1951 CROP	INDI- CATED 1952 CROP	
		- POUNDS -			- (000) BALES -			
N. CAROLINA.....	693	341	376	381	523	542	550	402
MISSOURI.....	490	406	302	372	362	309	380	314
VIRGINIA.....	22	364	357	436	21	14	20	13
S. CAROLINA.....	1,065	293	389	293	651	871	650	544
GEORGIA.....	1,382	236	317	250	686	931	720	661
FLORIDA.....	52	180	250	268	13	32	29	16
TENNESSEE.....	814	373	334	348	549	534	590	506
ALABAMA.....	1,473	277	299	292	899	909	895	819
MISSISSIPPI.....	2,363	333	329	383	1,652	1,608	1,685	1,669
ARKANSAS.....	1,865	339	295	335	1,373	1,249	1,300	1,082
LOUISIANA.....	884	290	391	402	524	760	740	689
OKLAHOMA.....	1,100	166	150	109	455	462	250	208
TEXAS.....	10,114	183	166	174	3,020	4,074	3,660	2,600
NEW MEXICO.....	296	485	415	503	157	273	310	182
ARIZONA.....	666	489	705	757	250	803	1,050	331
CALIFORNIA.....	1,399	606	640	640	627	1,765	1,865	767
OTHER STATES...	15	390	246	353	14	8	11	4
UNITED STATES..	24,693	267.6	271.9	289.7	11,775	15,144	14,905	10,786

## SORGHUM GRAIN ESTIMATE

Sorghum grain production in North Carolina will soar to 1,125,000 bushels this year due to increased acreage. This compares with 990,000 bushels last year and only 290,000 bushels on the 10-year (1941-50) average. The estimate is based on reports as of November 1.

The 1952 yield is estimated at 25 bushels -- compared with 30 bushels last year and 25.8 bushels on the 10-year average.

For the United States, production will be less than half of last year and also well below the 10-year average. Preliminary estimates place the national crop at 70,674,000 bushels, as compared with 159,265,000 in 1951 and

132,598,000 on the 10-year average. An average national yield of 13.5 bushels is in prospect, compared with the 1951 yield of 18.9 bushels and the 10-year average yield of 18.4.

## N. C. POTATO CROP BELOW PAR

North Carolina's Irish potato crop for 1952 is estimated at 5,880,000 bushels as of November 1. This is below the 6,909,000 bushels produced in 1951 and considerably below the 9,572,000 bushels on the 10-year (1941-50) average.

Yield per acre is estimated at 120 bushels compared with 141 bushels in 1951 and 126 bushels on the 10-year average.

Total potato production in the United States, however, is up -- with 349,257,000 bushels expected this year as compared with 325,708,000 bushels produced in 1951 and 414,525,000 on the 10-year average. The total U. S. yield will be 246.3 bushels, compared with 240.7 bushels in 1951 and 180.4 bushels on the 10-year average.

## 18,200 Tons Fall Cabbage Expected

As of November 1, reports from cabbage growers indicate a fall cabbage crop of 18,200 tons from 3,300 acres. This compares with the 1951 crop of 16,500 tons from 3,300 acres and the 10-year average of 13,030 tons from 2,470 acres.

NORTH CAROLINA AND UNITED STATES, ACREAGE, YIELD &amp; PRODUCTION OF CROPS 1951 AND INDICATED NOVEMBER 1, 1952

CROPS	UNIT	ACREAGE			YIELD			PRODUCTION		
		AVERAGE 1941-50*	HARVESTED 1951	INDICATED 1952	AVERAGE 1941-50	1951	INDICATED 1952	AVERAGE 1941-50	REVISED 1951	INDICATED 1952
		THOUSAND			UNITS			THOUSAND		
NORTH CAROLINA										
CORN, ALL.....	BU.	2,253	2,181	2,203	26.5	31.0	25.0	59,560	67,611	55,075
WHEAT, ALL.....	BU.	435	381	377	15.4	23.0	21.0	6,693	8,763	7,917
OATS.....	BU.	341	402	402	27.6	35.5	35.0	9,495	14,271	14,070
BARLEY.....	BU.	38	35	34	25.0	36.0	32.0	938	1,260	1,088
RYE.....	BU.	29	15	14	11.6	14.0	15.0	330	210	210
SORGHUMS, ALL.....	BU.	30	50	60	-	-	-	-	-	-
SORGHUMS, FOR GRAIN.....	BU.	11	33	45	25.8	30.0	25.0	290	990	1,125
TOBACCO, FLUE-CURED.....	LBS.	645.3	738	746	1,120	1,325	1,237	722,736	977,640	922,790
TYPE 11.....	LBS.	252.3	290	293	1,049	1,170	1,186	267,016	339,300	345,740
TYPE 12.....	LBS.	316.8	356	360	1,159	1,435	1,280	368,522	510,860	460,800
TYPE 13.....	LBS.	76.2	92	93	1,137	1,385	1,250	87,198	127,480	116,250
TYPE 31.....	LBS.	9.7	12.2	12.6	1,420	1,750	1,600	14,098	21,350	20,160
COTTON.....	LBS.	728	690	693	341	376	381	252,341	261,542	261,542
IRISH POTATOES, ALL.....	BU.	78	49	49	126	141	120	9,572	6,909	5,880
SWEET POTATOES, ALL.....	BU.	65	40	42	106	94	100	6,850	3,760	4,200
SOYBEANS GROWN ALONE.....	BU.	392	439	439	-	-	-	-	-	-
SOYBEANS, FOR BEANS.....	BU.	243	300	303	12.8	16.5	16.5	3,142	4,950	5,000
PEANUTS GROWN ALONE.....	BU.	293	250	212	-	-	-	-	-	-
PEANUTS PICKED & THRESHED.....	LBS.	276	237	199	1,090	1,330	1,325	299,494	315,210	263,675
HAY, ALL.....	TONS	1,259	1,214	1,147	1.01	1.01	1.03	1,266	1,225	1,182
CLOVER & TIMOTHY.....	TONS	89	108	108	1.14	1.10	1.05	102	119	113
ALFALFA HAY.....	TONS	24	60	59	2.08	2.00	2.05	52	120	121
LESPEDEZA HAY.....	TONS	499	498	468	1.09	.95	1.05	544	473	491
PASTURE, CONDITION.....	%	-	-	-	-	-	-	77	66	66
PEACHES, ALL.....	BU.	-	-	-	-	-	-	1,867	1,806	1,648
APPLES, COMMERCIAL.....	BU.	-	-	-	-	-	-	1,090	1,269	2,053
PEARS.....	BU.	-	-	-	-	-	-	202	154	172
GRAPES.....	TONS	-	-	-	-	-	-	4.1	3.2	2.7
PECANS, ALL.....	LBS.	-	-	-	-	-	-	2,414	2,435	2,470
UNITED STATES										
CORN, ALL.....	BU.	86,909	81,306	82,232	34.7	36.2	40.2	3,011,652	2,941,423	3,302,875
WHEAT, ALL.....	BU.	45,245	39,762	50,278	17.7	16.2	18.4	1,084,664	987,474	1,298,921
OATS.....	BU.	39,667	36,454	38,682	33.0	36.1	32.7	1,310,736	1,316,396	1,265,660
BARLEY.....	BU.	12,315	9,391	8,226	24.9	27.1	27.0	306,127	254,668	222,476
RYE.....	BU.	2,294	1,733	1,350	12.1	12.4	11.7	28,095	21,410	15,759
SORGHUMS, ALL.....	BU.	14,499	13,921	12,621	-	-	-	-	-	-
SORGHUMS, FOR GRAIN.....	BU.	7,100	8,449	5,229	18.4	18.9	13.5	132,598	159,265	70,674
TOBACCO, ALL.....	LBS.	1,630.1	1,781.4	1,789.8	1,124	1,307	1,247	1,841,869	2,328,226	2,231,188
TOBACCO, FLUE-CURED.....	LBS.	957.6	1,113.1	1,125.6	1,103	1,304	1,234	1,064,300	1,451,965	1,388,848
COTTON.....	LBS.	21,533	26,687	24,693	267.6	271.9	289.7	5,711,775	6,151,144	5,145,905
IRISH POTATOES, ALL.....	BU.	2,401.0	1,353.1	1,418.2	180.4	240.7	246.3	414,525	325,708	349,257
SWEET POTATOES, ALL.....	BU.	625.0	308.0	337.7	93.0	91.8	86.9	57,703	28,278	29,362
SOYBEANS GROWN ALONE.....	BU.	12,788	14,838	15,291	-	-	-	-	-	-
SOYBEANS, FOR BEANS.....	BU.	10,349	13,211	13,906	19.4	21.2	20.8	202,068	280,512	289,268
PEANUTS GROWN ALONE.....	BU.	3,650	2,597	2,046	-	-	-	-	-	-
PEANUTS PICKED & THRESHED.....	LBS.	2,940	2,018	1,665	708	831	758	2,042,448	1,676,125	1,262,820
HAY, ALL.....	TONS	74,536	74,718	75,400	1.36	1.45	1.38	101,072	108,461	103,858
CLOVER & TIMOTHY.....	TONS	15,562	18,969	19,075	2.20	2.26	2.20	34,283	42,937	42,040
ALFALFA.....	TONS	21,934	21,457	21,632	1.38	1.49	1.44	30,242	32,035	31,043
LESPEDEZA.....	TONS	6,484	6,990	6,912	1.07	1.07	.85	6,926	7,479	5,895
PASTURE, CONDITION.....	%	-	-	-	-	-	-	77	79	56
PEACHES.....	BU.	-	-	-	-	-	-	68,186	63,627	62,622
APPLES.....	BU.	-	-	-	-	-	-	110,380	110,660	92,696
PEARS.....	BU.	-	-	-	-	-	-	30,306	30,028	30,494
GRAPES.....	TONS	-	-	-	-	-	-	2,807.7	3,385.8	3,140
PECANS, ALL.....	LBS.	-	-	-	-	-	-	123,206	154,895	126,462

a/ 500 lb. gross weight bales. \* Includes Government purchases from unharvested areas in 1948

## FARM REPORT

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NOVEMBER 17, 1952

FARM REPORT

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### TOBACCO ESTIMATES (Continued)

Estimated production by types is as follows: Type 11: Production in Type 11 (Old and Middle Belt) is estimated at 345,740,000 pounds. This compares with production of 339,300,000 pounds last year and the 1941-50 average production of 267,016,000. Type 11 yield per acre is estimated at 1,180 pounds. This is 10 pounds more than the 1951 yield and compares with the 10-year average yield of 1,049.

Type 12 (Eastern Belt) production is estimated at 460,800,000 pounds as compared with 510,860,000 pounds last year and the 1941-50 average production of 368,522,000 pounds. Type 12 yield per acre is estimated at 1,280 pounds which compares with 1,435 pounds last year and the 1941-50 average yield of 1,159 pounds.

Type 13 production is estimated at 116,250,000 pounds. This compares with 1951 production of 127,480,000 pounds and the 1941-50 average production of 87,198,000 pounds. Average yield per acre is estimated at 1,250 pounds compared with 1,385 pounds last year and the 10-year average yield of 1,137 pounds.

The 1952 North Carolina burley crop is estimated at 20,160,000 pounds, compared with 1951 production of 21,350,000 pounds. Yield is estimated at 1,600 pounds compared with 1,750 pounds in 1951.

Feed concentrate supplies per animal unit for the 1952-53 feeding season are expected to be a little smaller than in 1951-52 and possibly 10 percent smaller than in the 3 preceding years... based on September prospects.

### OCTOBER WEATHER SUMMARY

Unusually fine, sunny weather prevailed over North Carolina in October. Skies were almost cloudless during the last half of the month, while the first half had a fair share of sunshine. The period 7-11 was distinctly different, being cloudy, rainy and cool over the entire State. Low pressure developed in the northeast Gulf of Mexico on the 7th, moving slowly across the Florida peninsula and up the Atlantic coast until early on the 11th it was centered just offshore at Nags Head. Skies were solidly cloudy over North Carolina almost the entire five-day period. The storm moved northeastward, and high pressure moved in, bringing fair weather that was almost unbroken the rest of the month.

This was the driest October over North Carolina, as a whole, since 1943. Most of the rain that did fall came during the cloudy spell 7-11, plus a few showers around the 1st and the 15th. Even during the rainy period of the second week, amounts that fell were:

not large, very few places having as much as an inch in any 24-hour period. In fact, only about half the reporting stations had as much as an inch of rain for the entire month. No rain at all fell on the State during the last two weeks of October. This is one of the longest totally rainfree periods in the history of North Carolina weather.

Record-breaking cold weather occurred twice in October, and the whole month averaged rather on the cool side. The first distinctly cool spell occurred in connection with the rainy period around the tenth, when daily average temperatures were ten to fifteen degrees below the usual for the second week of October. Sharp fair-weather cold came on the mornings of the 20th, 21st and 22nd, bringing freezing temperatures and killing frost to all but the immediate coast. A very similar period came on the last three days of the month. One or both of these periods brought new record low temperatures for October to many places.

NORTH CAROLINA - INCHES OF RAINFALL DURING OCTOBER, 1952

